emme esse

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User's Manual

Model : 87177

5.8GHz AV Sender

Descriptions

This 5.8GHz video sender adopts a new industrial design with a high performance patch array antenna to improve the reception range. It consists of one transmitter and one or multiple receivers. The input and output AV cables can be optionally RCA or SCART connector. This device transmits vivid video and Hi-Fi stereo sound from a VCR, TV set, DVD, VCD, Satellite Receiver or cable set top box to any TV or monitor. It can also be used in conjunction with a camcorder or closed circuit camera and turns into a wireless security monitoring system.

As to the transmission capability, the signal can go up to 300 feet clear line-of -sight and even penetrate through walls. With the built-in IR remote extender, it allows the user to remotely control the audio/video sources from other rooms.

In addition, seven user selectable channels allow multiple transmitters to multiple receivers operation in the same area. And most importantly, the 5.8GHz frequency band is much more clear than the 2.4GHz one, therefore, no more annoying interference problem will bother you any more. All these advanced features will make your home life amazingly convenient and joyful.

Applications

- Simultaneous viewing of video programs on a 2nd TV/monitor without wires.
- Wireless transmission of Hi-Fi stereo to any active speaker.
- Remote monitoring of live video from a camcorder or closed circuit camera.
- Local area broadcasting of audio/video programs for multiple viewers even in different rooms.

Features

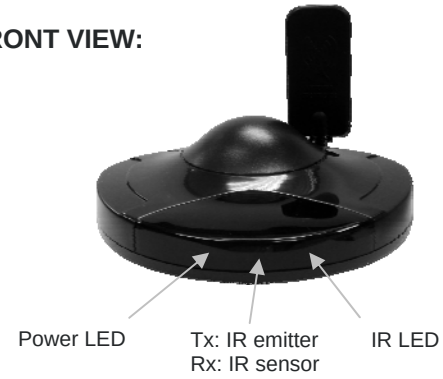
- 5.8GHz wireless transmitter and receiver with 7 selectable channels.
- High gain patch array antennas for improving reception range and interference resistance.
- Transmitting and receiving of crisp video and Hi-Fi stereo even through walls.
- Long transmission range up to 300 feet clear line-of-sight.
- NTSC/PAL video format compatible.
- Built-in wideband IR remote extender for application of almost all different models of IR remote control.
- No more annoying interference problems of 2.4GHz products.

List of Contents

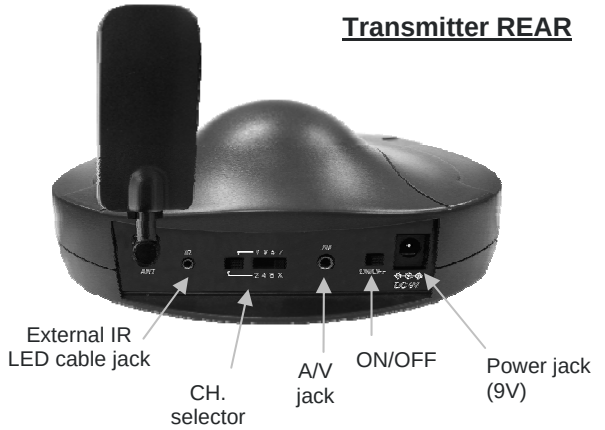
This package contains the following items:

A. User's manual
B. One Transmitter (Tx) & one Receiver (Rx)
C. Two power adapters
D. Two AV cables :
   3.5mm AV phone plug - RCA (or SCART)
E. One IR LED eyes cable

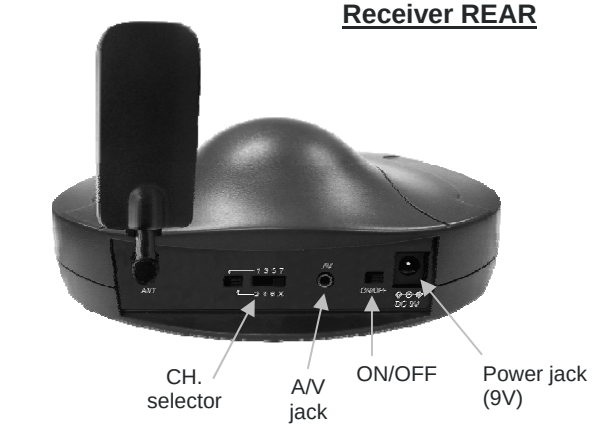
FRONT VIEW:



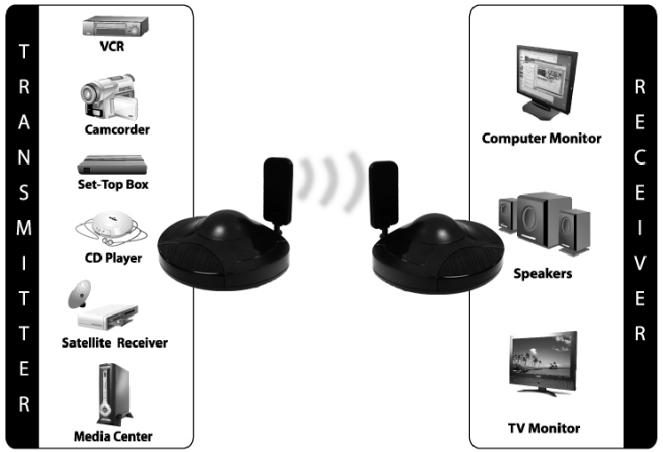
Transmitter REAR



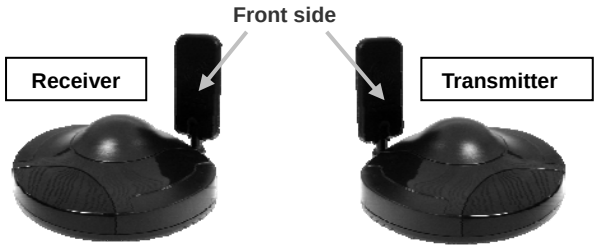
Receiver REAR



Applications



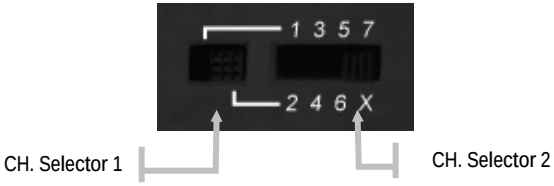
Antenna:



(Antenna front side of both Tx and Rx antennas need to face toward each other for best reception.)

Channel switch selection

1. There are two channel selection switches, CH Selector 1 and CH Selector 2 shown below:

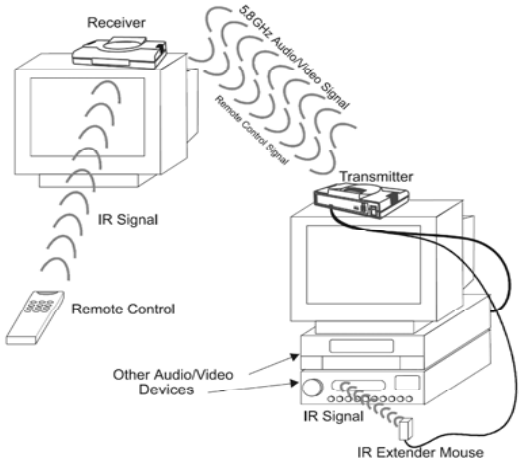


2. Use CH. Selector 1 to select one of the two CH groups: (1,3,5,7) or (2,4,6).

3. Use CH. Selector 2 to select the desired channel.

Using the Remote Control Feature

1. Plug the connector of the IR LED eyes cable into its special jack at the rear of the Video Sender Transmitter.
2. Find the location of the IR sensor on the AV source equipment you wish to control. If you can't find it, you may consult with the user's manual of the AV source equipment.
3. Place one of the IR LED eyes of the cable close to the IR sensor of the AV source device or attach it on the IR sensor window of the AV source device using the double- side sticky tape provided with the IR LED eyes.
4. Position the Video Sender receiver such that its IR sensor window on the front side faces toward the viewer so that he or she can easily point the IR remote toward the window.



Specification

General:

1. Frequency:	5.725GHz – 5.875GHz
2. Channel:	7 selectable channels
3. Antenna:	Patch array antenna
4. IR Remote Frequency	433.92MHz
5. IR Carrier Frequency	32 ~ 57KHz
6. Input /Output port	3.5mm AV phone jack
7. Power supply	DC 9V power adapter
8. Dimension	120 x 65 x 30 mm

Transmitter:

1. Supply Current	140mA ±10mA
2. Output Power	13dBm 1dB (CE)
	0dBm 1dB (FCC)

IR Extender Receiver

Receiving Sensitivity	-95dBm,min
IR LED Operation Range	2 Meters (min.)
External IR LED Port	2.5mm Mono Phone Jack

Receiver:

1. Supply Current	230mA ±20mA
2. Input Sensitivity	-85dBm, Typ.
3. Video Output	$1V_{P-P}$, typ. (±0.2V)

IR Extender Transmitter

RF Output Power	8dBm ±2dB (CE)
	0dBm ±2dB (FCC)
Sensor Operation Range	5 Meters, min.

Trouble Shooting

If a problem occurs, first refer to this information before you take the device for repair.
If you are unable to rectify the fault using the information given here, contact your local dealer or service specialist.
Under no circumstances should you attempt to repair the device yourself, as this would invalidate the warranty.

PROBLEM	POSSIBLE CAUSE	REMEDY
No picture/sound transmission	The transmission channels for the transmitter/receiver do not correspond.	Set the transmission channel on the transmitter/receiver
	The transmission distance is out of range.	Reduce the distance. (Suggest less than 3 walls or less 100 meters)
	Connecting cable.	Check the cable plug and the cinch plug.(for transmitter use and receiver use which is different)
	Transmitter or receiver not switched on.	Switch on the transmitter or receiver
	Wrong direction of patch antenna	Adjust the antenna to the right position.
Poor picture or sound quality	Interference.	Move the transmitter or receiver a few centimeters.(Suggest less than 3 walls or less 100 meters)
		Change the transmission channel on the transmitter/receiver
	Microwave units and the use of the blue tooth / Wireless LAN function on mobile phone or Notebook.	Change channel to find better channel to receive.
	Infrared module.	Check the connection and position of the infrared module.
The remote control of the signal source does not respond.	A wireless transmitter in the 433MHz range (e.g. a baby-phone) is interfering with the transmission.	Switch the interference device off.
	Out of transmission range	Short the transmitter and receiver range less than 70 meters.

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